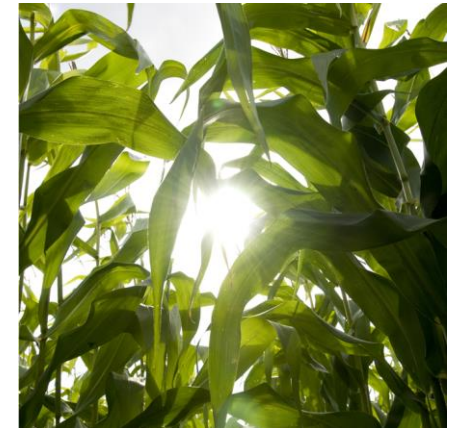
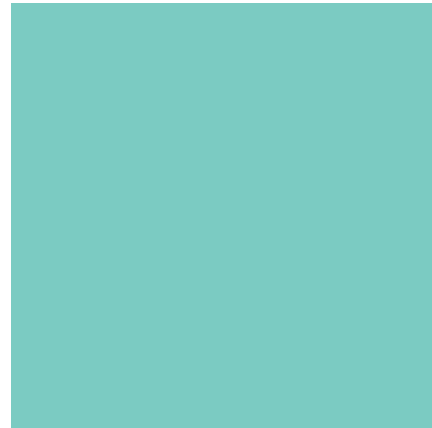




Berkeley Lab Accident Statistics FY 16 Through

February 29, 2016



These slides are updated on a monthly basis as soon as data are reasonably final for the preceding month. Hours worked are estimated monthly and updated with final and actual values quarterly.

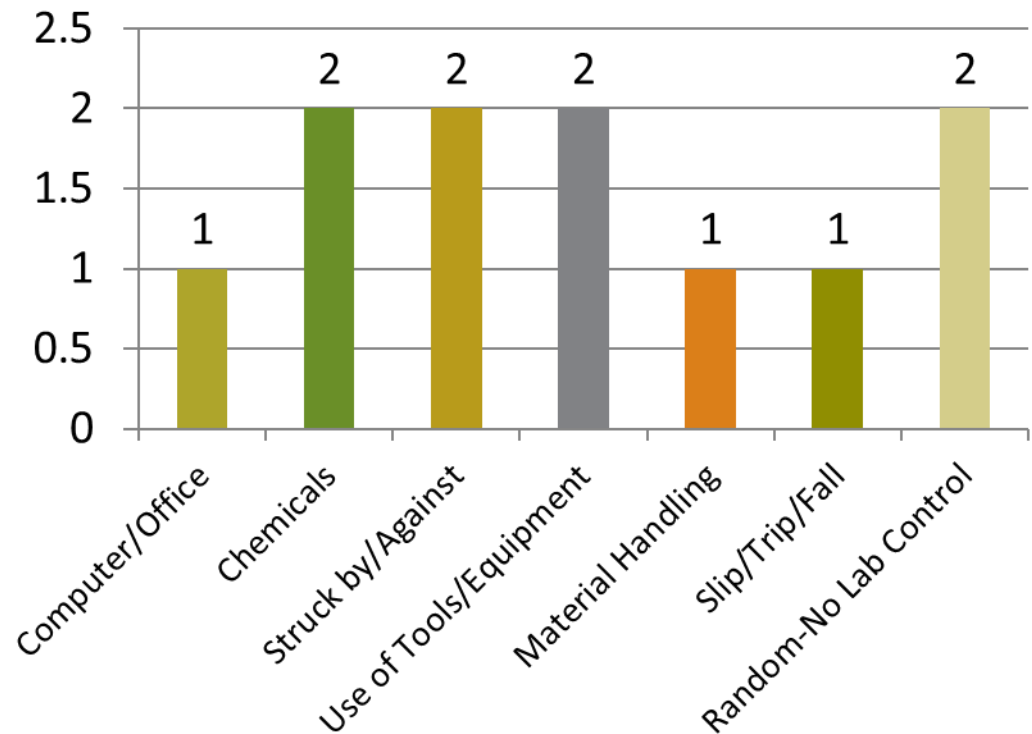
Refer questions about these charts to rwfisher@lbl.gov

Injury/Illness Cases – February 2016 Summary

11 total cases: 7 First Aid & 4 Recordables

- 4 Recordables
 - Two with lost work days
 - One with restricted work days

Causes- February 2016



Injury/Illness Cases – February 2016

Ergonomic Exposure-Computer/Office

- **Thumb discomfort**
 - (First Aid) A Senior HR Partner experienced thumb discomfort associated with repetitive mouse use.

Random - No Lab Control

- **Elbow Contusion and Pain**
 - (Recordable) A Plumber/Fitter was performing routine assigned plumbing tasks. Employee was rolling onto the back and heard a 'pop' when shifting body weight to elbow.
- **Back Spasm**
 - (Recordable) A Plumber/ Fitter was performing a routine pre-work inspection. Employee was bending to look around and felt pain in low back.

Injury/Illness Cases – February 2016

Safety Exposure - Chemicals

- **Rash on back of neck**
 - (First Aid) A Guest Post Doc was cleaning up a lab while wearing gloves. Employee pushed hair behind ears and developed a rash in the area.
- **Chemical exposure-skin**
 - (First Aid) A Guest Technical was wearing gloves while sterilizing plant tissue with 30% hydrogen peroxide by dipping pieces of tissue into the solution and noted a burning sensation to the back of hand and thumb area.

Safety Exposure - Material Handling

- **Low Back Pain**
 - (Recordable) A Construction Safety Spec. 3 was moving and dragging tables and chairs with assistance from co-worker in order to make way for equipment to fit through a doorway.

Injury/Illness Cases – February 2016

Safety Exposure – Slip/Trip/Fall

- **Ankle Fracture**

- (Recordable) A Plant Maintenance Tech Specialist was picking up scraps in a parking lot and lost balance while stepping around a pallet and rolled the ankle.

Safety Exposure - Struck by/Against

- **Scalp laceration**

- (First Aid) A Chemist Research Scientist/Engineer was working with colleague at an exhausted enclosure. The employee was bending down to check equipment located on the floor. The employee struck head against an adjustable computer table slider that had been mounted on the side of the work area.

- **Hand puncture wound**

- (First Aid) A Safety Engineer/Specialist 4 was throwing a clean glass pipette into a glass container to dispose of the pipette, when the pipette hit the side of the container. This caused the pipette to jam back into the hand causing a puncture wound.

Injury/Illness Cases – February 2016

Safety Exposure - Use of Tools/Equipment

- **Puncture wound on finger**

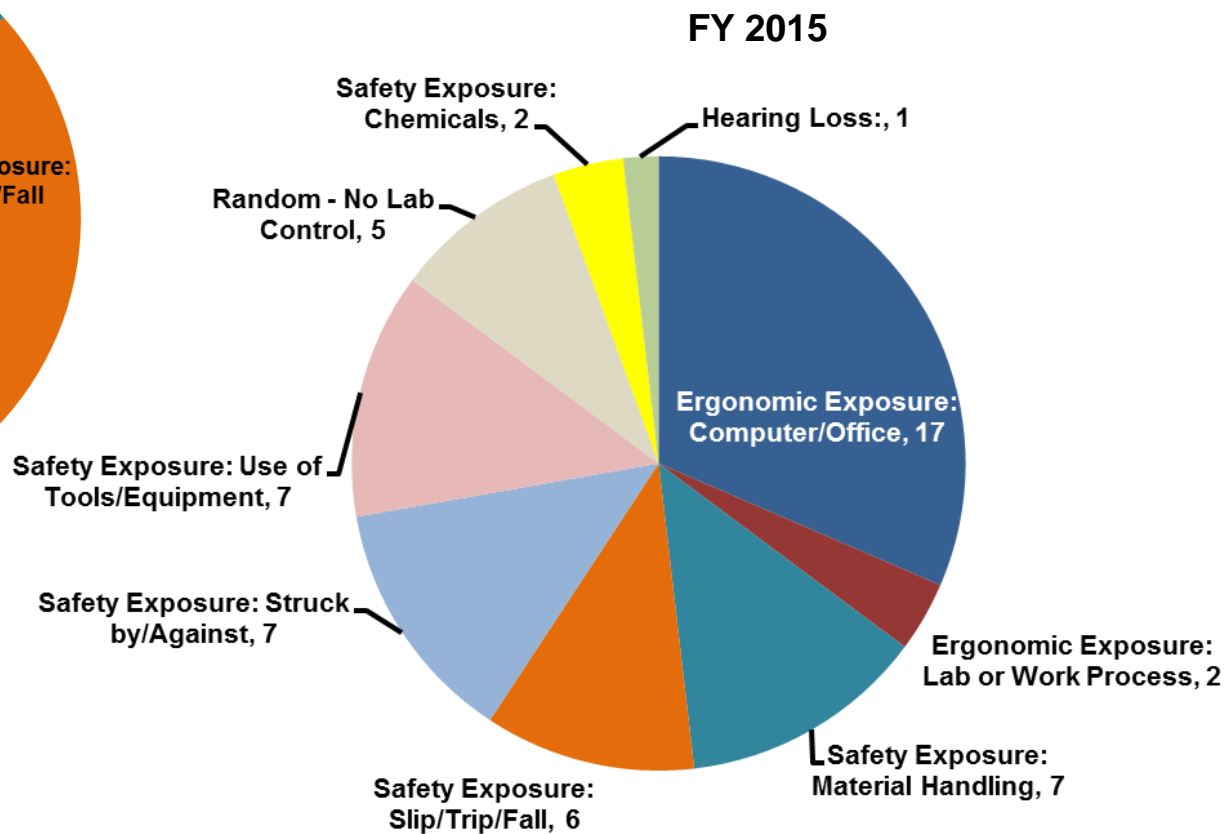
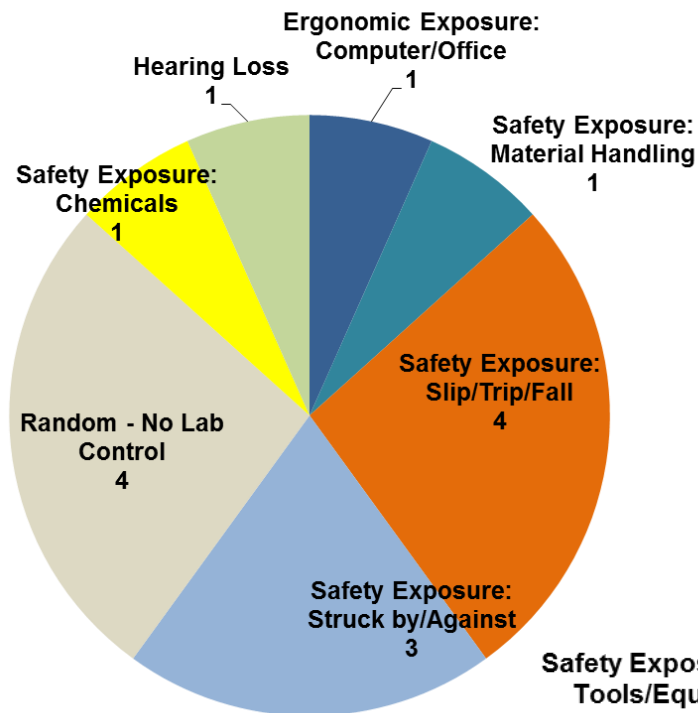
- (First Aid) A Computational Bio PD Fellow was performing job duties. Obtained a puncture wound when stuck with a needle that was going into a septum of a culture media with a non pathogenic bacteria.

- **Finger laceration**

- (First Aid) A Guest GSRA was stripping wire sheathing with a razor blade while holding the wire in one hand. The blade slipped off of the wire sheath and cut the employee's finger.

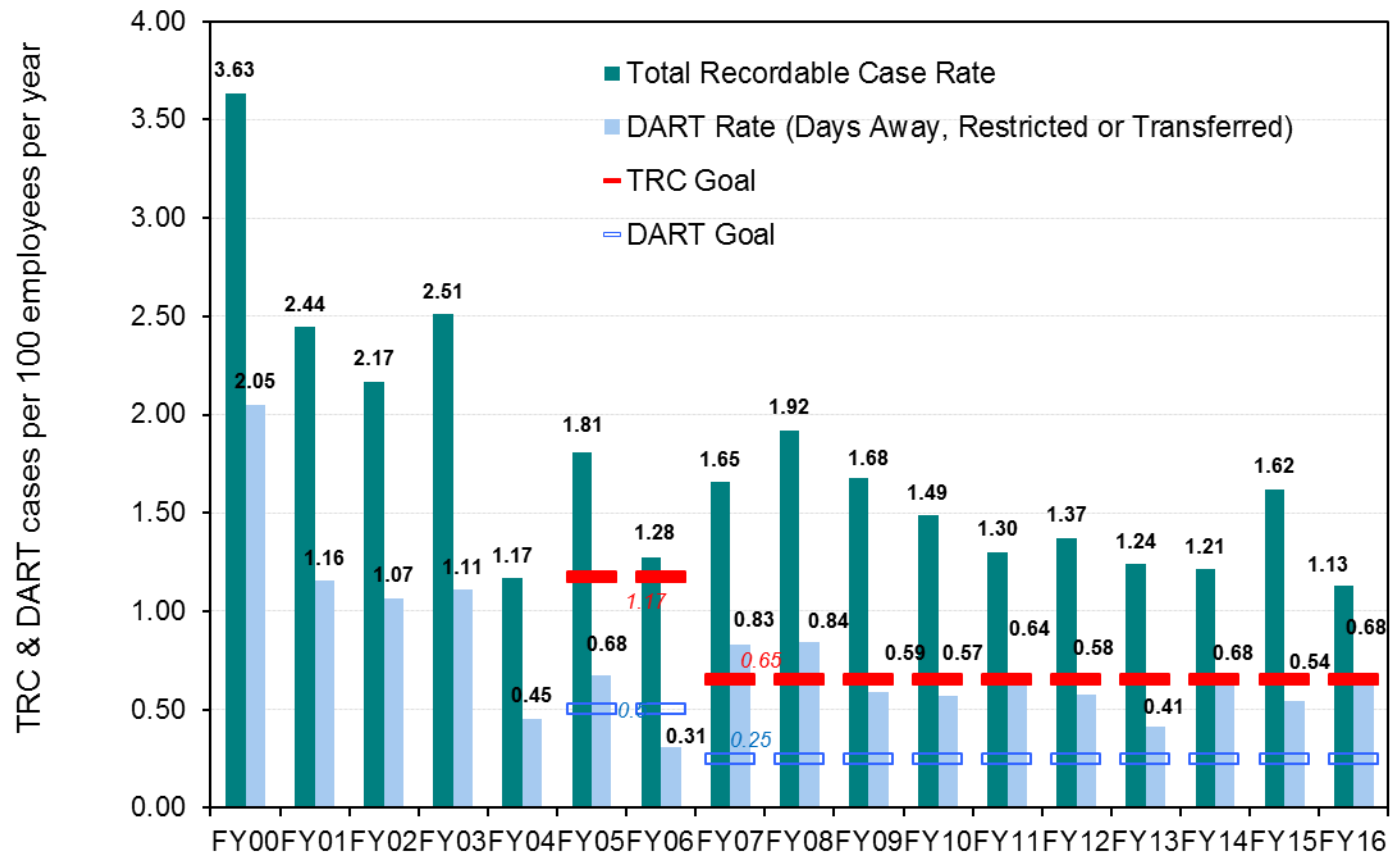
Recordable Injury Categories and Causes

FY 2016 through February 2016

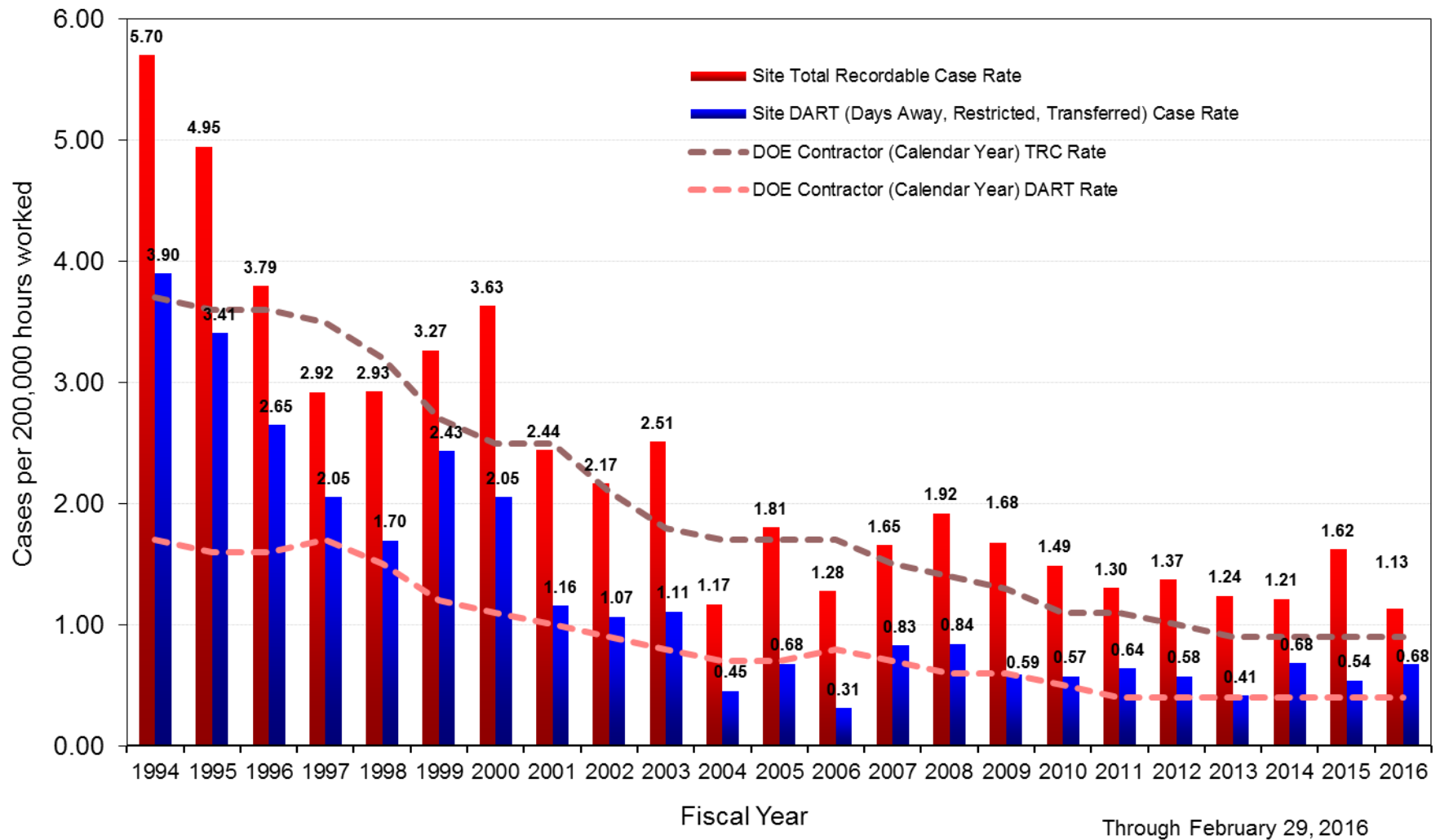


Berkeley Lab Site-Wide TRC & DART Rates

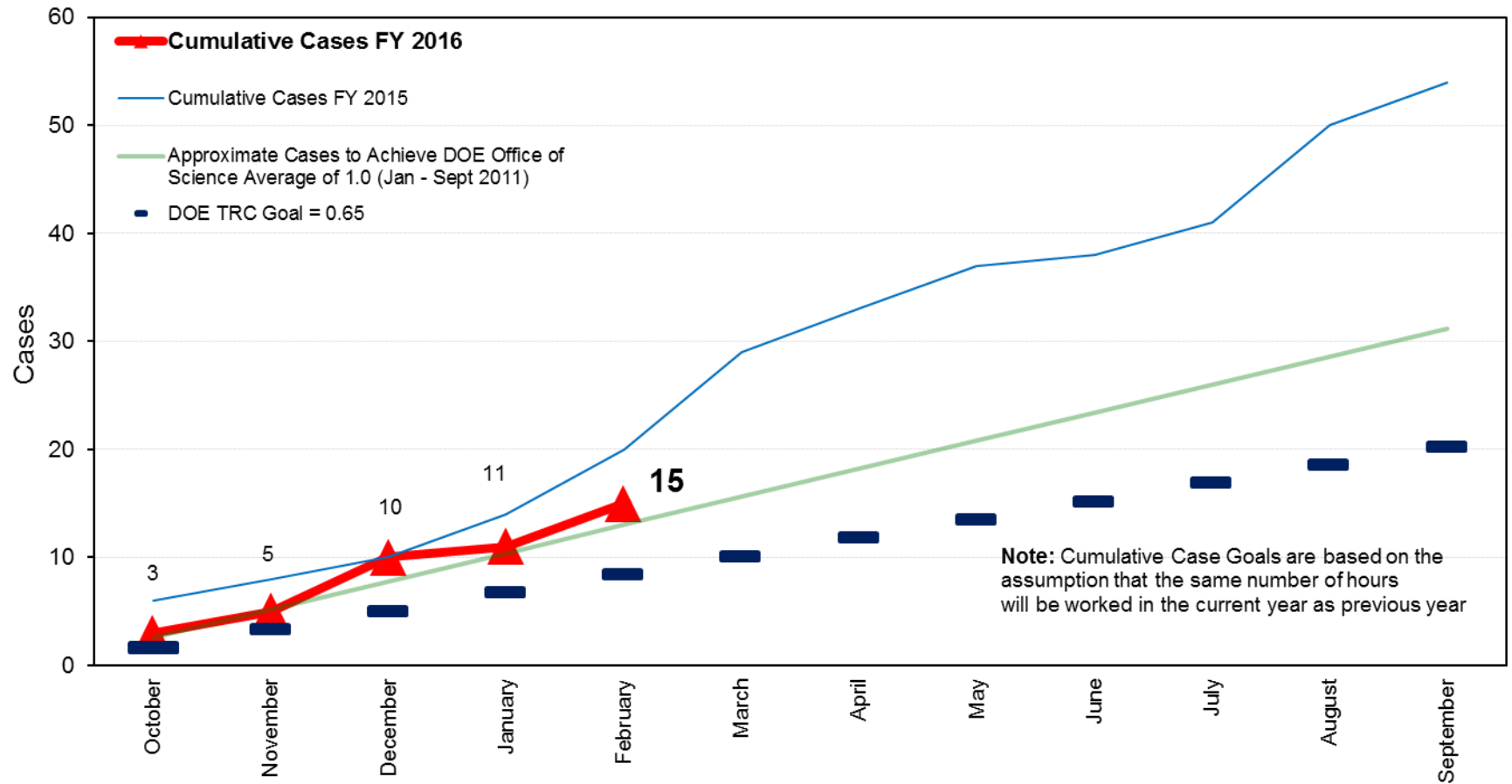
(Includes all Construction and Service Contractors)
Through February 29, 2016



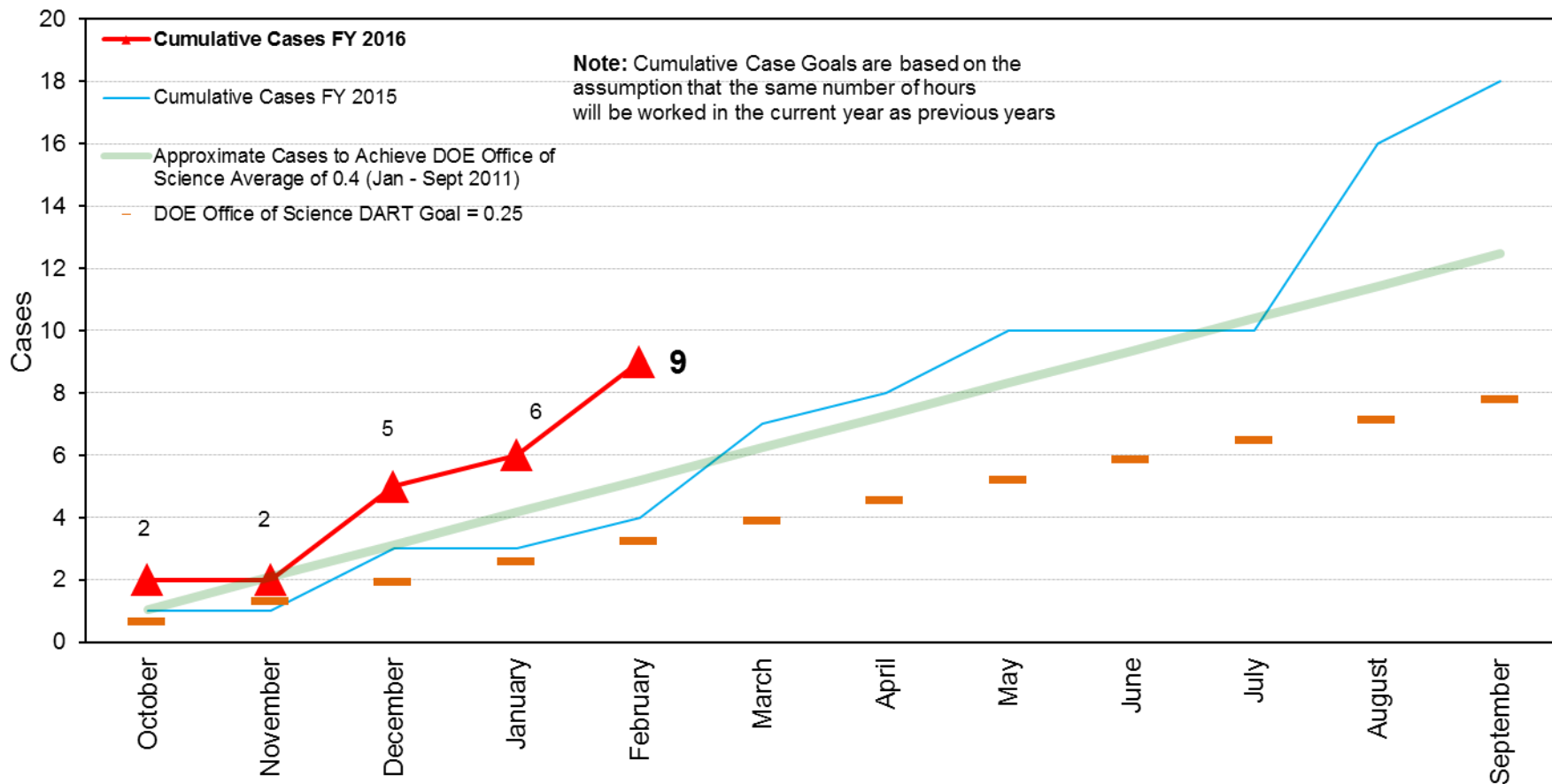
Berkeley Lab Site Accident Rates



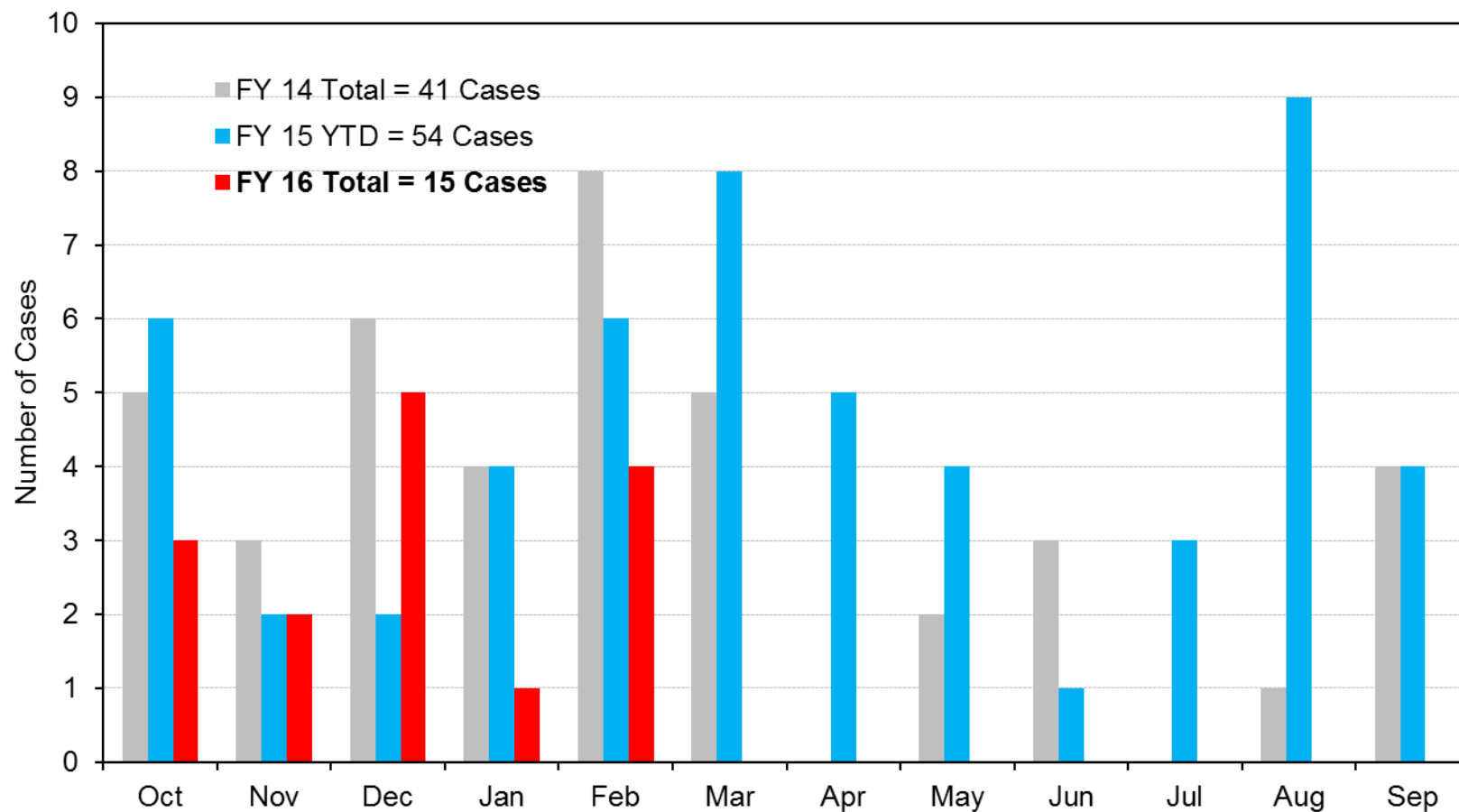
Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



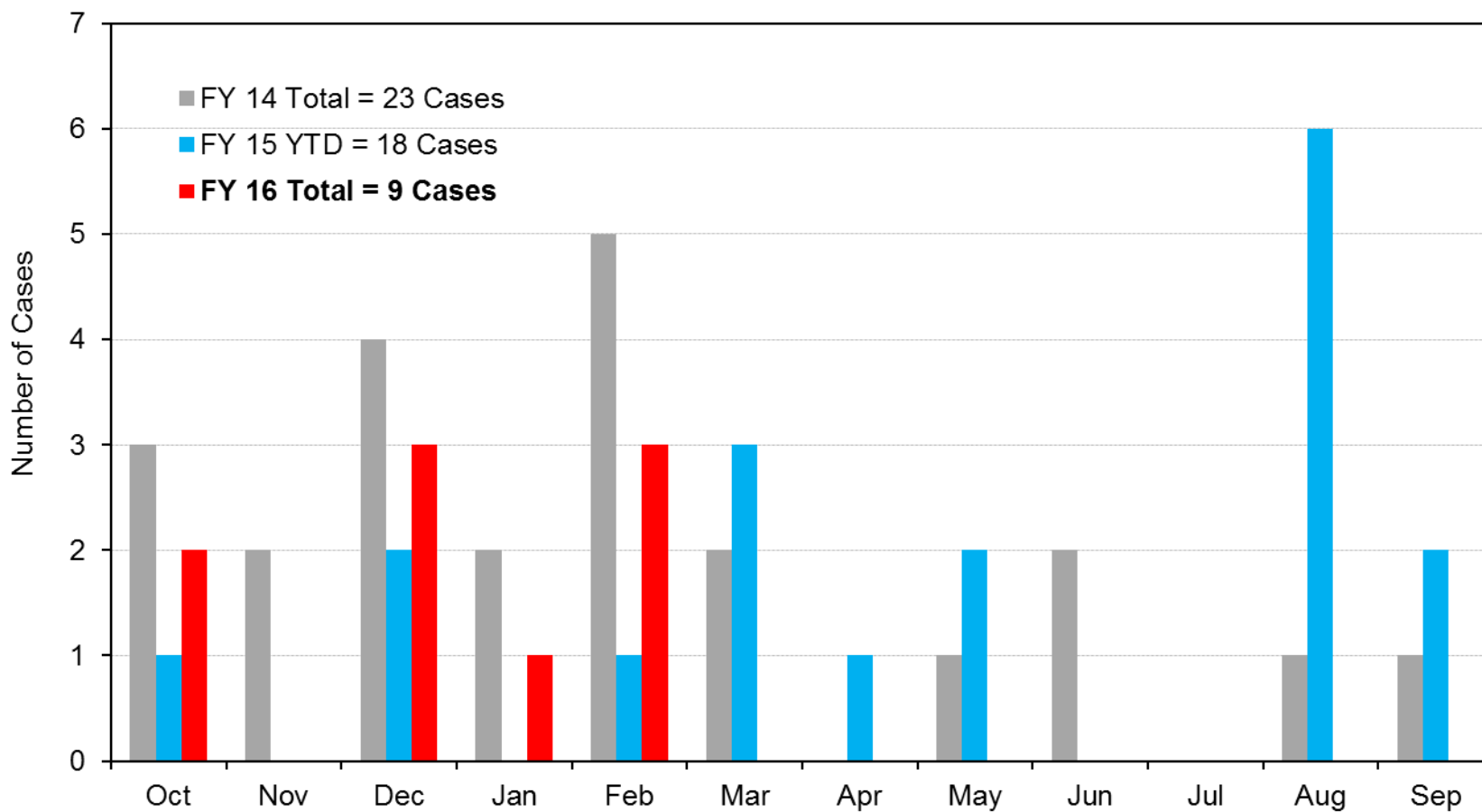
Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year



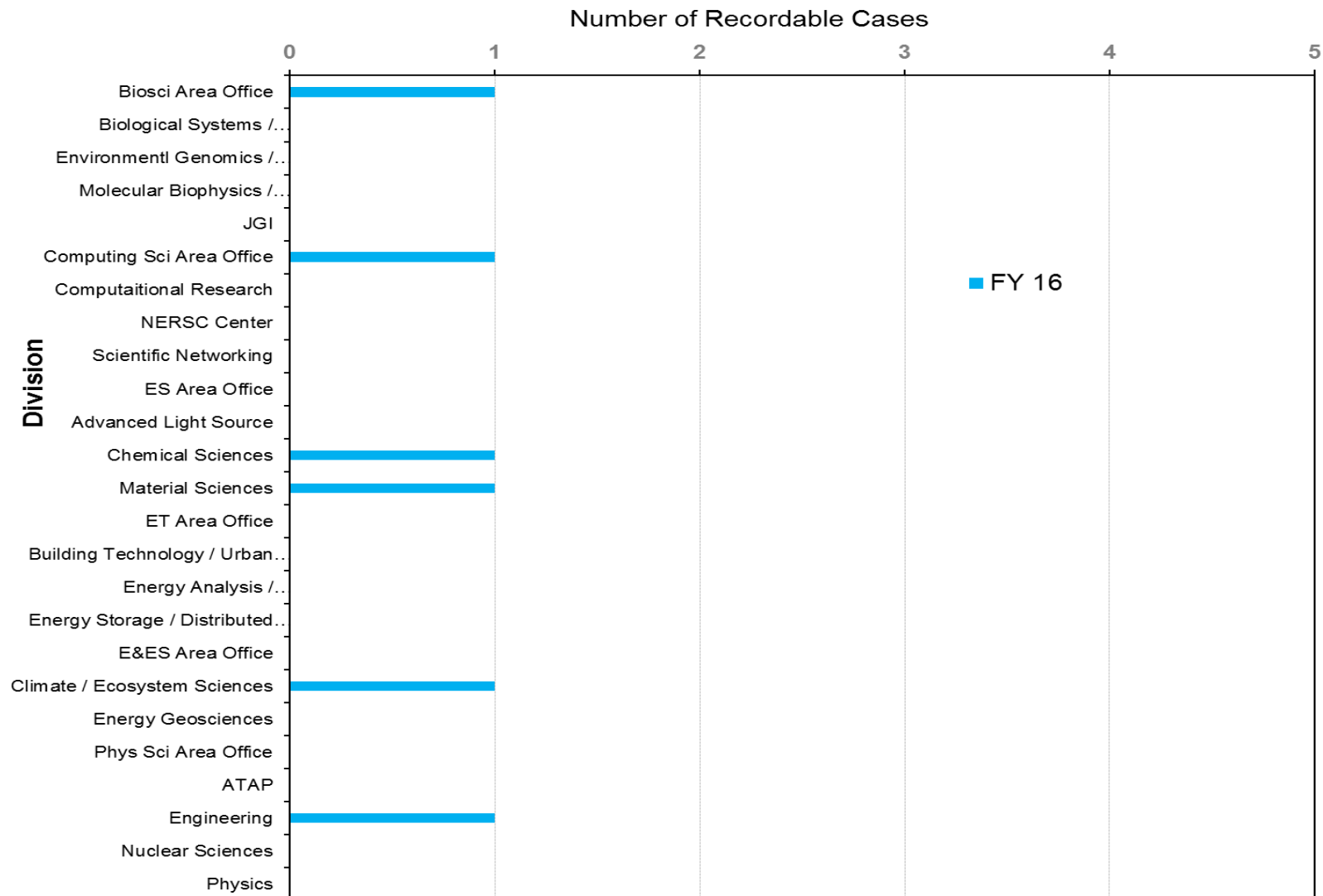
LBNL Recordable Cases FY14 through February 29, 2016 (FY16)



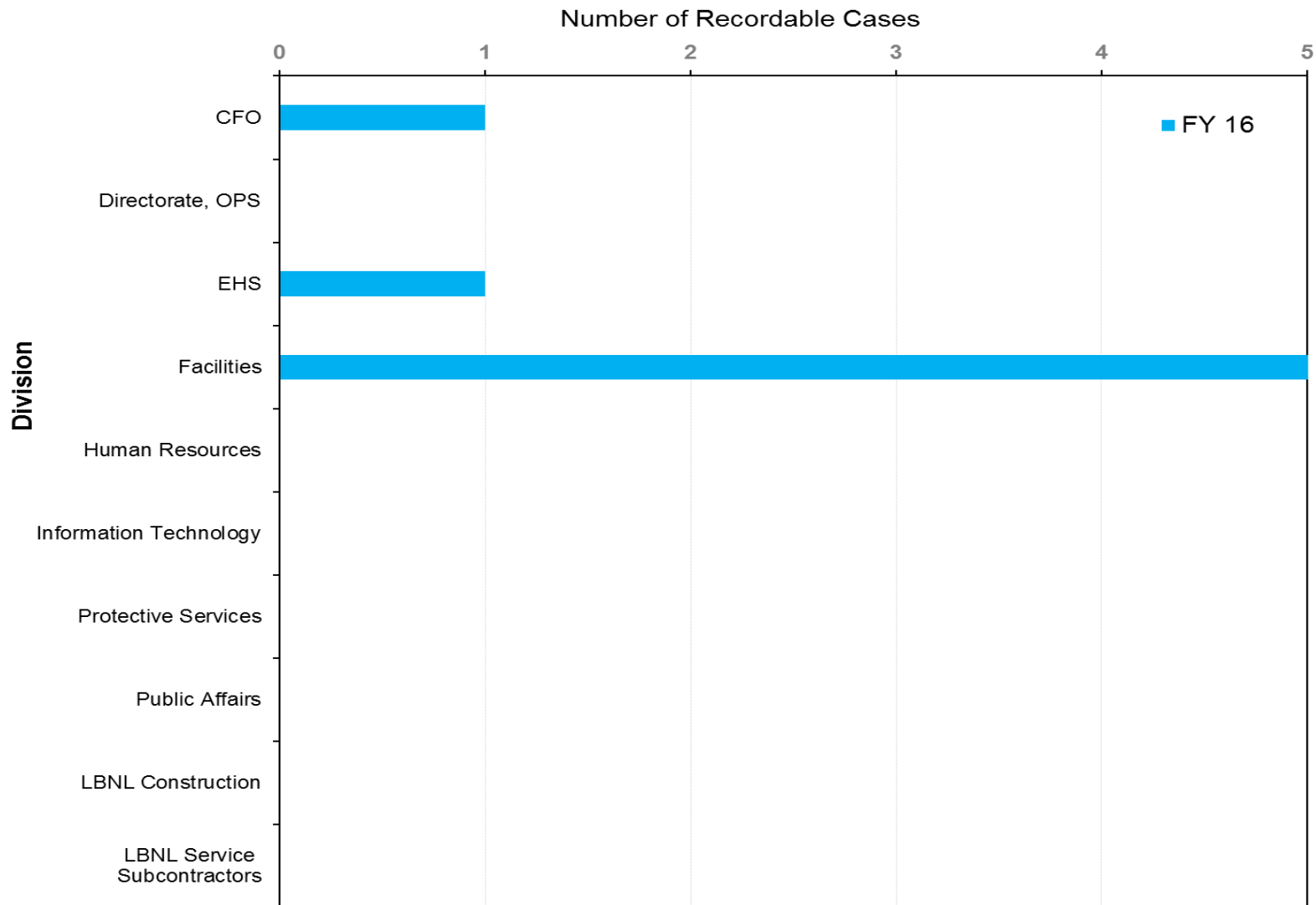
LBNL DART Cases FY14 through February 29, 2016 (FY16)



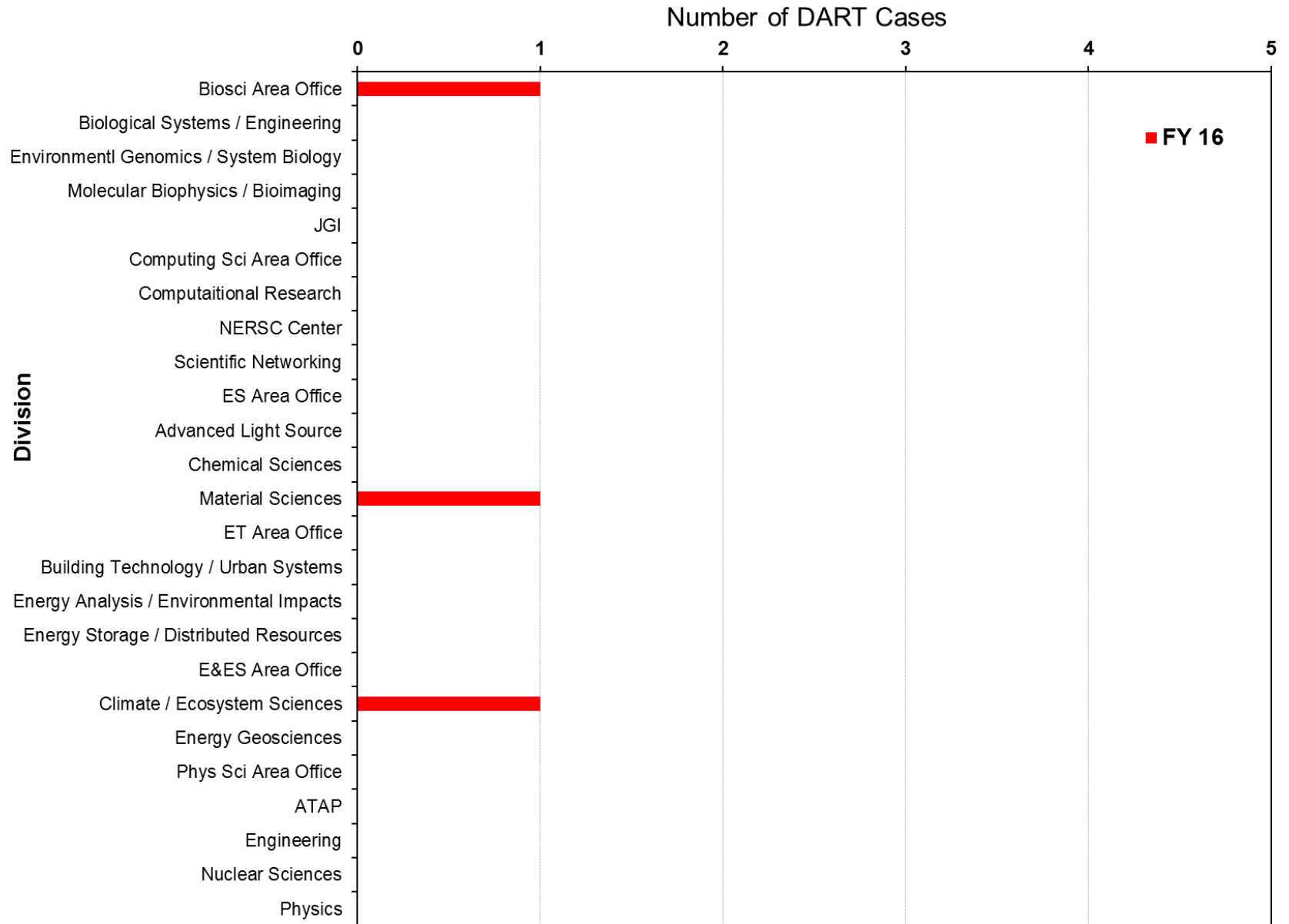
LBNL Recordable Cases by Research Division FY16 through February 29, 2016



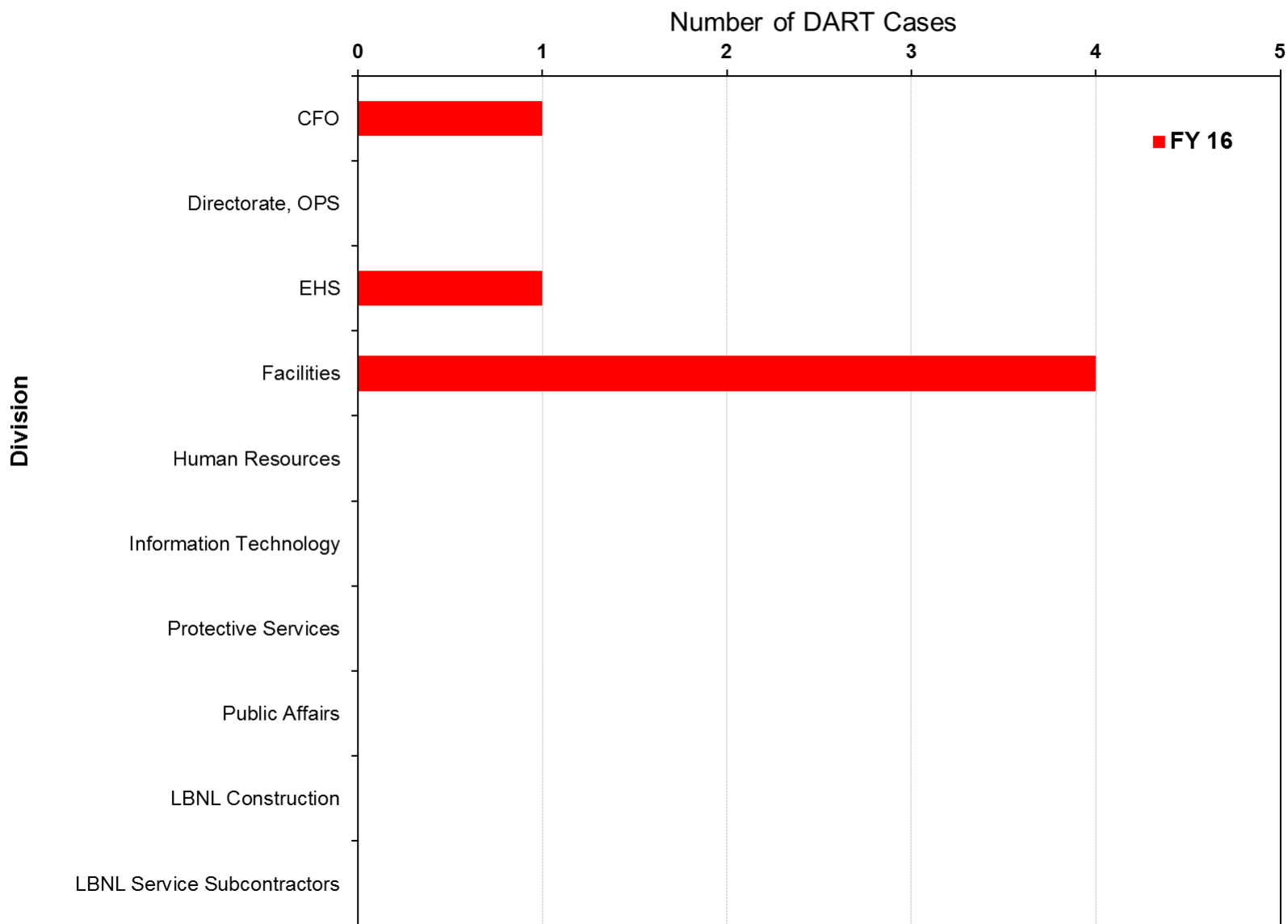
LBNL Recordable Cases by Ops Division FY16 through February 29, 2016

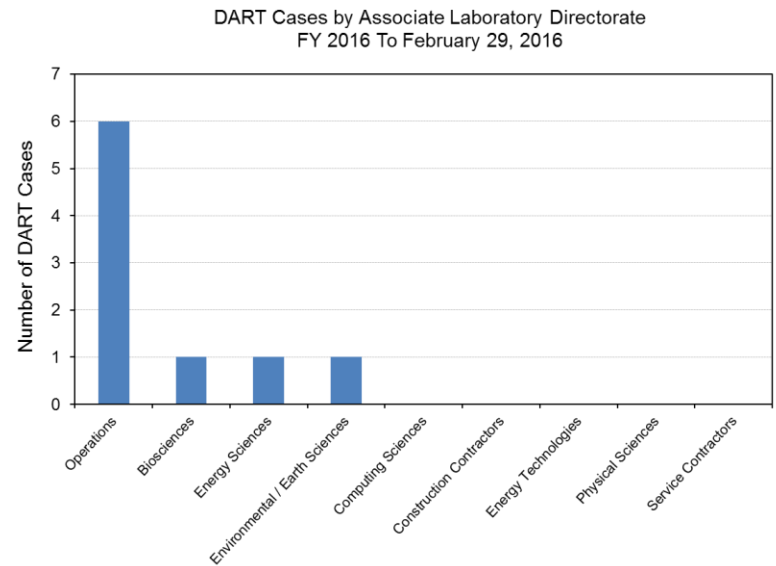
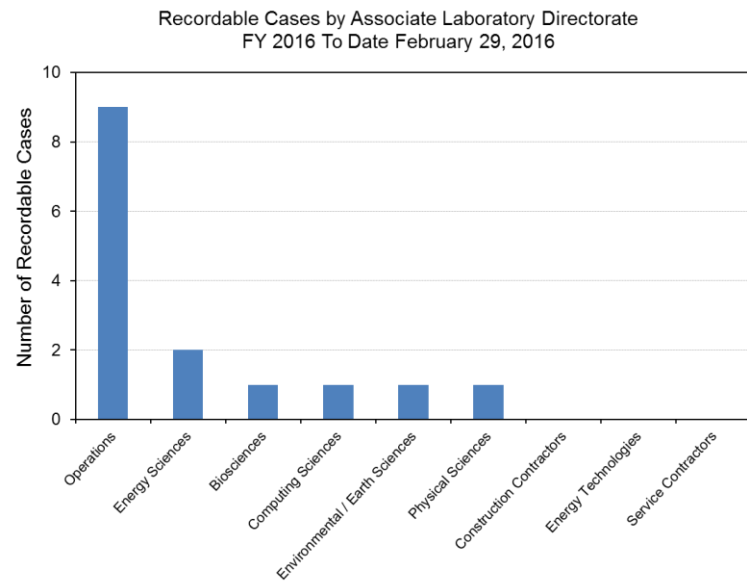
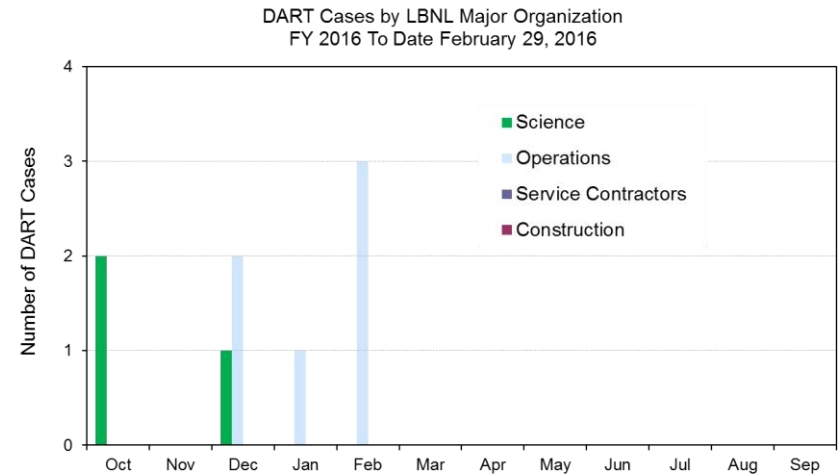
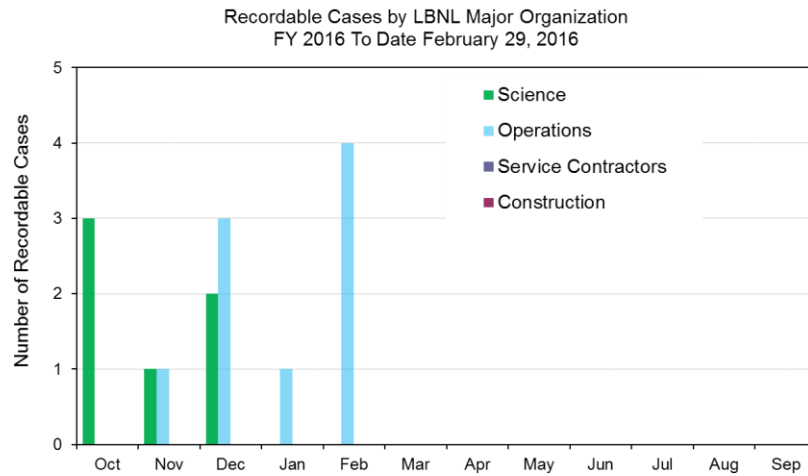


LBNL DART Cases by Res Division FY16 through February 29, 2016

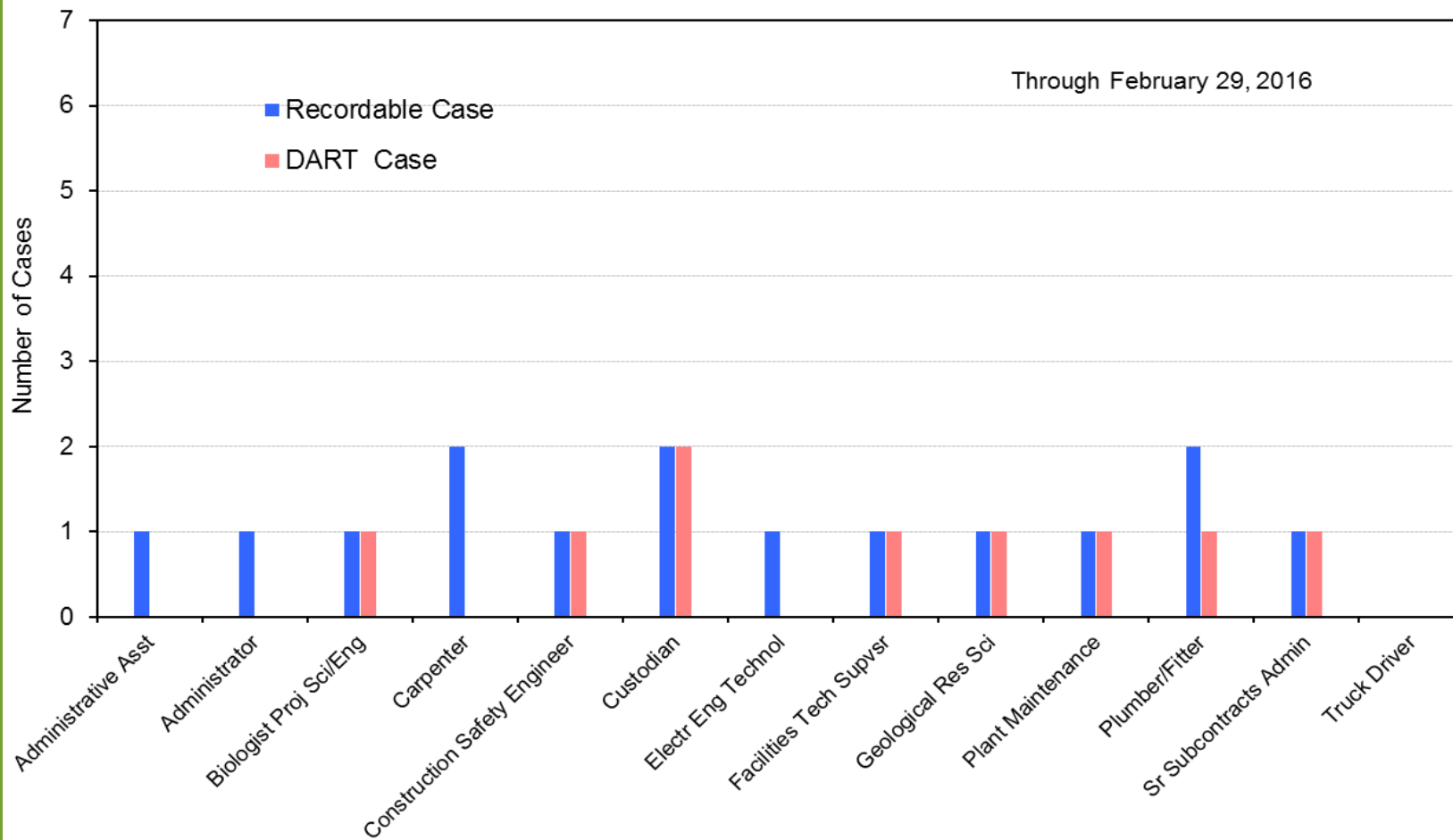


LBNL DART Cases by Ops Division FY16 through February 29, 2016

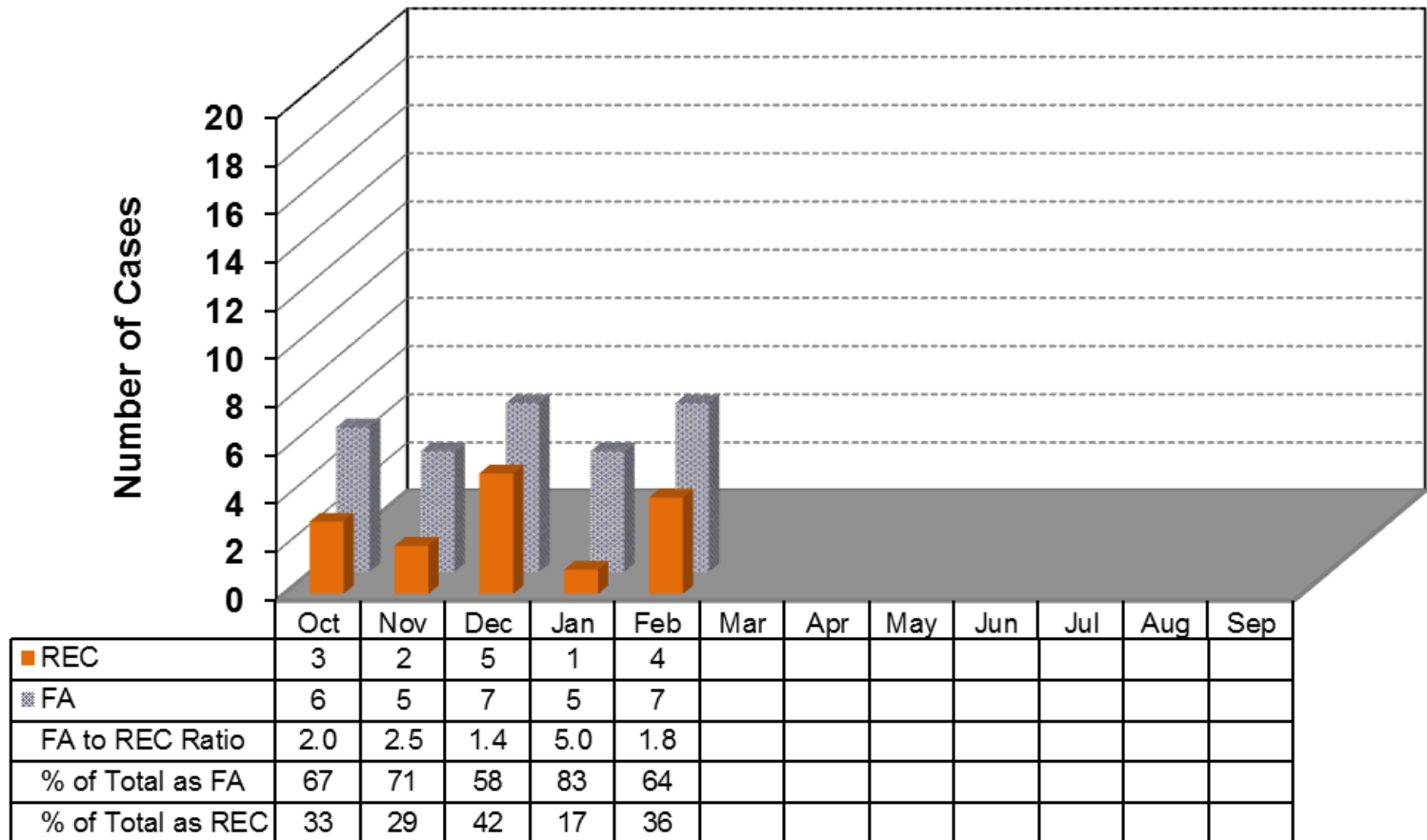




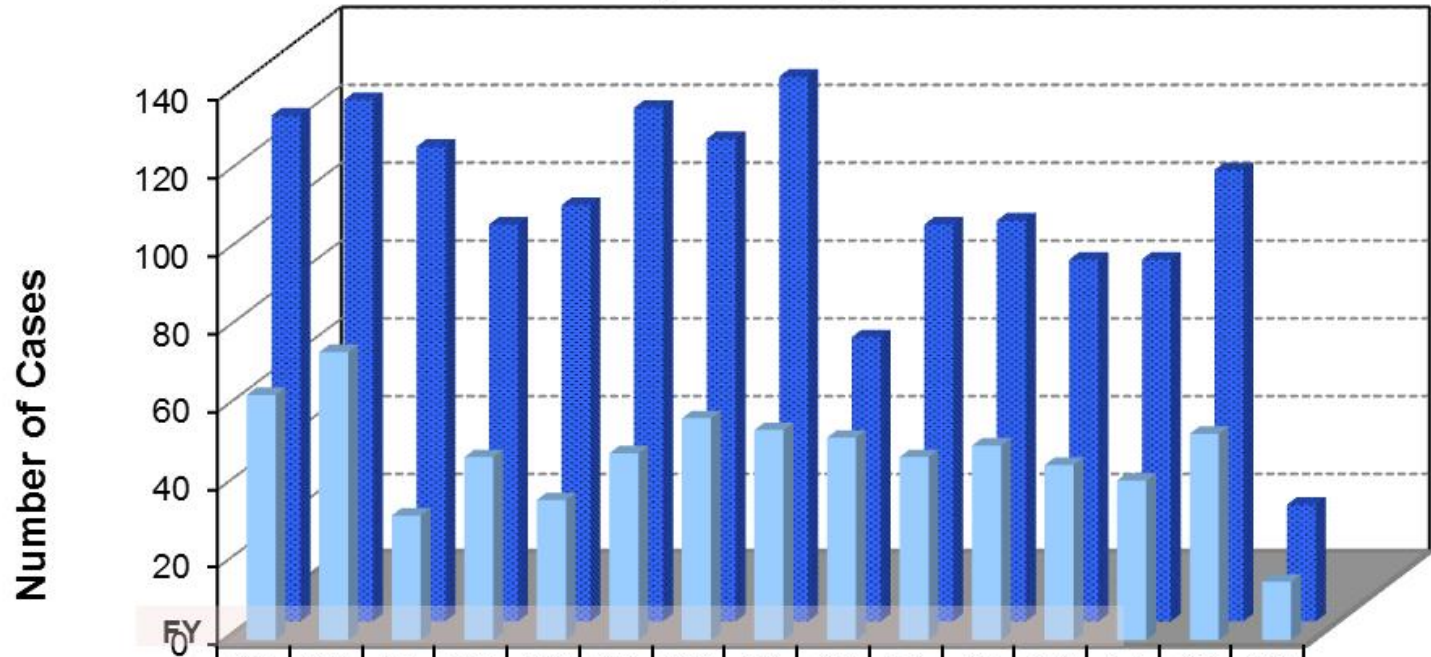
Recordable and DART Cases by Job Classification



FY2015 First Aid to Recordable Comparison by Month through February 29, 2016



FY02 to FY2015 First Aid to Recordable Comparison by Year through February 29, 2016



REC	63	74	32	47	36	48	57	54	52	47	50	45	41	53	15
FA	130	134	122	102	107	132	124	140	73	102	103	93	93	116	30
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.6	1.4	2.2	2.0	2.0	2.2	2.1	2.0
% of Total as FA	67	64	79	68	75	73	69	72	58	68	67	67	69	69	67
% of Total as REC	33	36	21	32	25	27	31	28	42	32	33	33	31	31	33

LBNL Total Recordable Cases October 1, 2015 - September 30, 2016 (FY16)

	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Total YTD
LBNL Research													
Biosciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Biosci Area Office	1	0	0	0	0	0	0	0	0	0	0	0	1
Biological Systems / Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmentl Genomics / System Biolc	0	0	0	0	0	0	0	0	0	0	0	0	0
Molecular Biophysics / Bioimaging	0	0	0	0	0	0	0	0	0	0	0	0	0
JGI	0	0	0	0	0	0	0	0	0	0	0	0	0
Computing Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Computing Sci Area Office	1	0	0	0	0	0	0	0	0	0	0	0	1
Computaitonal Research	0	0	0	0	0	0	0	0	0	0	0	0	0
NERSC Center	0	0	0	0	0	0	0	0	0	0	0	0	0
Scientific Networking	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sciences	0	0	2	0	0	0	0	0	0	0	0	0	2
ES Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Advanced Light Source	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical Sciences	0	0	1	0	0	0	0	0	0	0	0	0	1
Material Sciences	0	0	1	0	0	0	0	0	0	0	0	0	1
Energy Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
ET Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Technology / Urban Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Analysis / Environmental Impac	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Storage / Distributed Resource	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmental and Earth Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
E&ES Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Climate / Ecosystem Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Energy Geosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences	0	1	0	0	0	0	0	0	0	0	0	0	1
Phys Sci Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAP	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	1	0	0	0	0	0	0	0	0	0	0	1
Nuclear Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Research Sub-Total	3	1	2	0	0	0	0	0	0	0	0	0	6
LBNL Operations													
CFO	0	0	1	0	0	0	0	0	0	0	0	0	1
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
EHS	0	0	0	0	1	0	0	0	0	0	0	0	1
Facilities	0	1	2	1	3	0	0	0	0	0	0	0	7
Human Resources	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective Services	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Operations Sub-Total	0	1	3	1	4	0	0	0	0	0	0	0	9
LBNL Total	3	2	5	1	4	0	0	0	0	0	0	0	15
LBNL Construction	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Service Subcontractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Site Grand Total	3	2	5	1	4	0	0	0	0	0	0	0	15
Prior Year (FY15) Site Grand Total	6	2	2	4	6	8	5	4	1	3	9	4	54
Color Gradation Key:	0	1	2	3	4	5	6	7	8+				

LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2015 - September 30, 2016 (FY16)

	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Total YTD
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Biological Systems / Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
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Molecular Biophysics / Bioimaging	0	0	0	0	0	0	0	0	0	0	0	0	0
JGI	0	0	0	0	0	0	0	0	0	0	0	0	0
Computing Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Computing Sci Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Computational Research	0	0	0	0	0	0	0	0	0	0	0	0	0
NERSC Center	0	0	0	0	0	0	0	0	0	0	0	0	0
Scientific Networking	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Sciences	0	0	1	0	0	0	0	0	0	0	0	0	1
ES Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Advanced Light Source	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Sciences	0	0	1	0	0	0	0	0	0	0	0	0	1
Energy Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
ET Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Technology / Urban Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Analysis / Environmental Impa	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Storage / Distributed Resource	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmental and Earth Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
E&ES Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Climate / Ecosystem Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Energy Geosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Phys Sci Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAP	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Nuclear Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Research Sub-Total	2	0	1	0	0	0	0	0	0	0	0	0	3
LBNL Operations													
CFO	0	0	1	0	0	0	0	0	0	0	0	0	1
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
EHS	0	0	0	0	1	0	0	0	0	0	0	0	1
Facilities	0	0	1	1	2	0	0	0	0	0	0	0	4
Human Resources	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective Services	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Operations Sub-Total	0	0	2	1	3	0	0	0	0	0	0	0	6
LBNL Total	2	0	3	1	3	0	0	0	0	0	0	0	9
LBNL Construction	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Service Subcontractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Site Grand Total	2	0	3	1	3	0	0	0	0	0	0	0	9
Prior Year (FY15) Site Grand Total	1	0	2	0	1	3	1	2	0	0	6	2	18
Color Gradation Key:	0	1	2	3	4	5	6	7	8+				



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